

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1400	73/626	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:25
L2	331	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or supersonic\$4 or supersound\$3 or sound\$3) same ("synthetic aperture" or focus\$4) same transducer near5 receiver	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:27
L3	21	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or supersonic\$4 or supersound\$3 or sound\$3) same ("synthetic aperture" or focus\$4) same transducer near5 receiver same (flaw or fault or defect or crack)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:45
L4	1324	73/625	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:45
S1	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic44 or supersound\$3) same array same (transmitter with receiver) same angle near3 "0-30"	US-PGPUB; USPAT	OR	ON	2004/12/11 01:44
S2	39	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic44 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:11
S3	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same "0 to 30 degrees"	US-PGPUB; USPAT	OR	ON	2004/12/10 23:57
S4	1	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same degrees	US-PGPUB; USPAT	OR	ON	2004/12/12 19:55

S5	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same (crack or defect) near5 (size or dimension)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:04
S6	1	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same (crack or defect) same (size or dimension)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:04
S7	13	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic44 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same (diffract\$4 or echo)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:32
S8	9	("4642215").URPN.	USPAT	OR	ON	2004/12/11 00:22
S9	1	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4) same (focal or focus) near3 point	US-PGPUB; USPAT	OR	ON	2004/12/11 00:34
S10	123	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4)	US-PGPUB; USPAT	OR	ON	2004/12/12 16:20
S11	2	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4) same diffract\$4	US-PGPUB; USPAT	OR	ON	2004/12/11 00:34
S12	1377	73/626	US-PGPUB; USPAT	OR	ON	2004/12/11 00:41
S13	1299	73/625	US-PGPUB; USPAT	OR	ON	2004/12/11 01:18
S14	2	sizing same ultrasonic same flaw same tofd	US-PGPUB; USPAT	OR	ON	2004/12/11 01:18
S15	1	"6633384".pn.	US-PGPUB; USPAT	OR	ON	2004/12/11 01:45
S16	1	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same "focus point"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:22

S17	5263	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver	US-PGPUB; USPAT	OR	ON	2004/12/12 16:22
S18	102	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 16:57
S19	0	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same "array sensor"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:23
S20	0	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same "array sensor"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:23
S21	41474	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same (acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3)	US-PGPUB; USPAT	OR	ON	2004/12/12 16:24
S22	25496	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same (acoustic\$4 or ultrasonic\$4)	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
S23	13100	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same ultrasonic	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
S24	15	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same (acoustic\$4 or ultrasonic\$4) same (defect or crack or fault or flaw) same siz\$4 near5 depth	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
S25	13	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same (amplification or volume) same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 17:18
S26	0	(amplif\$5 near3 control\$4) same (chang\$4 or adjust\$4 or select\$4) same (amplification or volume) same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 17:19

S27	3	amplification near3 control\$4 same (chang\$4 or adjust\$4 or select\$4) same amplification same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 17:22
S28	12	(chang\$4 or adjust\$4 or select\$4 or alter\$4) same amplification same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 19:36
S29	1	"6645146".pn.	US-PGPUB; USPAT	OR	ON	2004/12/12 19:36
S30	0	("6645146").URPN.	USPAT	OR	ON	2004/12/12 19:36
S31	3	("5410516" "6132374" "6146328").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:49
S32	0	tofd same sensor same array same transducer same receiver same (defect or crack or fault or flaw)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:50
S33	1	("time-of-flight") same sensor same array same transducer same receiver same (defect or crack or fault or flaw)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:51
S34	5	("4531411").URPN.	USPAT	OR	ON	2004/12/12 19:51
S35	3	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same ("30 degrees" or less)	US-PGPUB; USPAT	OR	ON	2004/12/12 19:55
S36	9	("6055861").URPN.	USPAT	OR	ON	2004/12/12 19:59
S37	0	("6443012").URPN.	USPAT	OR	ON	2004/12/12 20:19
S38	16	("4096755" "4122725" "4212258" "4497210" "4523468" "4524620" "4531411" "4537073" "4821575" "4910718" "5337289" "5798458" "5911158" "5948984" "6006163" "6082198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:20

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L4	1324	73/625	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:45
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S2	39	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic44 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:11
S3	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same "0 to 30 degrees"	US-PGPUB; USPAT	OR	ON	2004/12/10 23:57
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S5	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same (crack or defect) near5 (size or dimension)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:04
S6	1	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same (crack or defect) same (size or dimension)	US-PGPUB; USPAT	OR	ON	2004/12/11 00:04
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S8	9	("4642215").URPN.	USPAT	OR	ON	2004/12/11 00:22
S9	1	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4) same (focal or focus) near3 point	US-PGPUB; USPAT	OR	ON	2004/12/11 00:34
S10	123	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4)	US-PGPUB; USPAT	OR	ON	2004/12/12 16:20
S11	2	"array sensor" same (transducer or receiver transceiver) same (focus\$4 or adjust\$4 or calibrat\$4 or control\$4) same diffract\$4	US-PGPUB; USPAT	OR	ON	2004/12/11 00:34
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S13	1299	73/625	US-PGPUB; USPAT	OR	ON	2004/12/11 01:18
S14	2	sizing same ultrasonic same flaw same tofd	US-PGPUB; USPAT	OR	ON	2004/12/11 01:18
S15	1	"6633384".pn.	US-PGPUB; USPAT	OR	ON	2004/12/11 01:45
S16	1	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same "focus point"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:22

S17	5263	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver	US-PGPUB; USPAT	OR	ON	2004/12/12 16:22
S18	102	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 16:57
S19	0	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same "array senor"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:23
S20	0	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same "array sensor"	US-PGPUB; USPAT	OR	ON	2004/12/12 16:23
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S22	25496	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same (acoustic\$4 or ultrasonic\$4)	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
S23	13100	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same ultrasonic	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
S24	15	amplif\$5 same (chang\$4 or adjust\$4 or select\$4) same transmitter same receiver same focus\$5 same array sensor same (acoustic\$4 or ultrasonic\$4) same (defect or crack or fault or flaw) same siz\$4 near5 depth	US-PGPUB; USPAT	OR	ON	2004/12/12 16:25
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S26	0	(amplif\$5 near3 control\$4) same (chang\$4 or adjust\$4 or select\$4) same (amplification or volume) same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 17:19

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S28	12	(chang\$4 or adjust\$4 or select\$4 or alter\$4) same amplification same transmitter same receiver same focus\$5	US-PGPUB; USPAT	OR	ON	2004/12/12 19:36
S29	1	"6645146".pn.	US-PGPUB; USPAT	OR	ON	2004/12/12 19:36
S30	0	("6645146").URPN.	USPAT	OR	ON	2004/12/12 19:36
S31	3	("5410516" "6132374" "6146328").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:49
S32	0	todf same sensor same array same transducer same receiver same (defect or crack or fault or flaw)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:50
S33	1	("time-of-flight") same sensor same array same transducer same receiver same (defect or crack or fault or flaw)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 19:51
S34	5	("4531411").URPN.	USPAT	OR	ON	2004/12/12 19:51
S35	3	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same array same (transmitter with receiver) same angle same (focus\$4 or adjust\$4 or calibrat\$4) same ("30 degrees" or less)	US-PGPUB; USPAT	OR	ON	2004/12/12 19:55
S36	9	("6055861").URPN.	USPAT	OR	ON	2004/12/12 19:59
S37	0	("6443012").URPN.	USPAT	OR	ON	2004/12/12 20:19
S38	16	("4096755" "4122725" "4212258" "4497210" "4523468" "4524620" "4531411" "4537073" "4821575" "4910718" "5337289" "5798458" "5911158" "5948984" "6006163" "6082198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 20:20